

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

Section 1A

Date of Report: 04/06/2006

DSR Number: 103-05-211K Project Number: _____

NRCS Entry Only

Eligible: YES ☒ NO ☐
Approved: YES ☒ NO ☐
Funding Priority Number (from Section 4) 3e
Limited Resource Area: YES ☐ NO ☒

Section 1B Sponsor Information

Sponsor Name: City of Mandeville

Address: 1100 Mandeville High Blvd.

City/State/Zip: Mandeville, LA 70471

Telephone Number: (985) 624-3169

Fax: _____

Section 1C Site Location Information

County: St. Tammany

State: LA

Congressional District: 01

Latitude: see comments

Longitude: see comments

Section: 54, 42 Township: T8E Range: R11E

UTM Coordinates: 16

Drainage Name: R7 Garden, R5 Dorado, R8 Rue Chinon

Reach: 3,670'

Damage Description: Debris reduces capacity of ditch. Debris consists mostly of trees and branches.

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Recovery measures would be for runoff retardation or soil erosion prevention?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Threat to life and/or property?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Event caused a sudden impairment in the watershed?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Imminent threat was created by this event?**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
For structural repairs, not repaired twice within ten years?***	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action (Go to pages 3, 4, 5 and 6 ***)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Proposed action technically viable? (Go to Page 9 ***)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES ☒ NO ☐

Comments: R5 Begin-Lat 30.39193, Lon 90.11711 End-Lat 30.39236, Lon 90.11381 R7 Begin-Lat 30.39002, Lon 90.11347 End-Lat 30.39093, Lon 90.10976
R8 Begin-Lat: 30.385692 Long 90.094635 End-Lat30.384506 Long 90.095955

* Statutory

** Regulation

*** DSR Pages 3 through 5 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages.

DSR NO: 103-05-211K

Section 1E Proposed Action

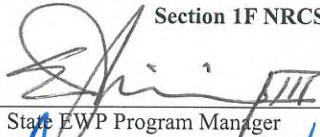
Describe the preferred alternative from Findings: Section 5 A:

The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits and is socially acceptable.

Total installation cost identified in this DSR: Section 3: \$

Section 1F NRCS State Office Review and Approval

Reviewed By:


State EWP Program Manager

Date Reviewed: 8/8/06

Approved By:


State Conservationist

Date Approved: 8/9/06

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies. IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202)720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410, or call (800)795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternative Designation		
		Proposed Action	No Action	Alternative
		Working from one side of channel, remove debris from the channel.	Leave all debris and large trees.	Remove and dispose debris and large trees from the channel using both sides for access.
		2D Effects of Alternatives		
Soil				
Soil Erosion	Disturbed soils from tree falls - estimated 20-T/ac	Removal of debris will allow for reveg -->5T/ac	Disturbed soils from tree falls - estimated 20-T/ac	Removal of debris will allow for reveg -->5T/ac
Water				
Downstream water rights	Not applicable	Not applicable	Not applicable	Not applicable
Suspended sediment	Increased turbidity due to soil erosion	Short-term increase during const - long term reduction	Increased turbidity due to soil erosion	Short-term increase during const - long term reduction
Stream health	Not applicable - manmade ditch	Not applicable - manmade ditch	Not applicable - manmade ditch	Not applicable - manmade ditch
DO/BOD	Decreased DO, increased BOD due to blockage of water	Restore DO/BOD similar to prestorm	Continued decrease in DO/ increase in BOD	Restore DO/BOD similar to prestorm
Air				
Particulate matter	No effect	short term increase during debris removal	No effect	short term increase during debris removal
Plant				
Aquatic vegetation in portions of ditch	No effect	Some loss when debris is located adjacent to aquatic veg	No effect	Some loss when debris is located adjacent to aquatic veg
Adjacent upland vegetation	Debris is inhibiting sub-canopy growth in some areas	Short term impacts to veg on working side of ditch	Debris is inhibiting sub-canopy growth in some areas	Short term impacts to veg on both sides of ditch
Invasive species	Possible spread into disturbed soil area	Possible spread into disturbed soil area	Possible spread into disturbed soil area	Possible spread into disturbed soil area
Animal				
Upland habitat	Some loss due to debris	Some additional short-term loss in access areas	Some loss due to debris	Some additional short-term loss in access areas
Other				
Aesthetics	Poor due to debris	Improved w/ debris removal	Poor due to debris	Improved w/ debris removal
Vector	Potential increase in insects due to stagnant water	Reduce stagnant water/inset	Potential increase in insects due to stagnant water	Reduce stagnant water/insects

Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	CWA jurisdiction-no 404 permit needed if debris left in ditch	404 permit needed	CWA jurisdiction. No 404 permit needed if debris left in ditch	404 permit needed
Coastal Zone Management Areas	Located in the Coastal Zone	Consistency authorization required	Located in the Coastal Zone	Consistency authorization required
Coral Reefs	Not applicable	Not applicable	Not applicable	Not applicable
Cultural Resources	None observed on site; cross reference with state leader	None observed on site; cross reference with state leader	None observed on site; cross reference with state leader	None observed on site; cross reference with state leader
Endangered and Threatened Species	8 listed for parish - none noted on site	8 listed for parish - none noted on site	8 listed for parish - none noted on site	8 listed for parish - none noted on site
Environmental Justice	Not applicable	Not applicable	Not applicable	Not applicable
Essential Fish Habitat	Not applicable	Not applicable	Not applicable	Not applicable
Fish and Wildlife Coordination	Consultation not required for debris removal	Consultation not required for debris removal	Consultation not required for debris removal	Consultation not required for debris removal
Floodplain Management	Located in 100 year floodplain - function is impaired	Improved function of ditch due to debris removal	Located in 100 year floodplain - function is impaired	Improved function of ditch due to debris removal
Invasive Species	Chinese tallow tree, privet, japanese climbing fern, and elephant ear all seen on site	Work can result in increased invasive species populations - seed bare ground immediately	Chinese tallow tree, privet, japanese climbing fern, and elephant ear all seen on site	Work can result in increased invasive species populations - seed bare ground immediately
Migratory Birds	Some habitat in area, no real impacts	Some habitat in area, no real impacts	Some habitat in area, no real impacts	Some habitat in area, no real impacts
Natural Areas	None identified	None identified	None identified	None identified
Prime and Unique Farmlands	None present	None present	None present	None present
Riparian Areas	None present - man made ditch	None present - man made ditch	None present - man made ditch	None present - man made ditch
Scenic Beauty	None present	None present	None present	None present
Wetlands	Not applicable	Not applicable	Not applicable	Not applicable
Wild and Scenic Rivers	Not applicable	Not applicable	Not applicable	Not applicable

Completed By: Beth SchreierDate: 04/06/2006

DSR NO: 103-05-211K

Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages (\$)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
Houses			
2 @ \$175,000	350,000.00	25	87,500.00
5 @ \$200,000	1,000,000.00	25	250,000.00
4 @ \$225,000	900,000.00	25	225,000.00
6 @ \$250,000			
3 @ \$275,000	1,500,000.00	25	375,000.00
3 @ \$300,000	825,000.00	25	206,250.00
5 @ \$375,000	900,000.00	25.00	225,000.00
4 @ \$400,000	1,875,000.00	25	468,750.00
	1,600,000.00	25.00	400,000.00
Business Protected			
Becker & Schroller Business Management	750,000.00	25	187,500.00
Other			
Total Near Term Damage Reduction \$			2,425,000.00
Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)			

Completed By: Kevin Stilley

Date: 04/08/2006

Section 2G Social Consideration This section must be completed by each alternative considered

(attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there the potential for loss of life due to damages from the watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has access to a hospital or medical facility been impaired by watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Debris in channel will cause severity and duration of flooding to increase.
Is there a lack or has there been a reduction of public safety due to watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Completed By: Kevin Stilley Date: 04/05/2006

DSR NO: _____
103-05-211K

Section 2H Group Representation and Disability Information

This section is completed only for the preferred alternative selected.

Group Representation	Number
American Indian/Alaska Native Female Hispanic	
American Indian/Alaska Native Female Non-Hispanic	
American Indian/Alaska Native Male Hispanic	
American Indian/Alaska Native Male Non-Hispanic	
Asian Female Hispanic	
Asian Female Non-Hispanic	
Asian Male Hispanic	
Asian Male Non-Hispanic	
Black or African American Female Hispanic	
Black or African American Female Non-Hispanic	3
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	2
Hawaiian Native/Pacific Islander Female Hispanic	
Hawaiian Native/Pacific Islander Female Non-Hispanic	
Hawaiian Native/Pacific Islander Male Hispanic	
Hawaiian Native/Pacific Islander Male Non-Hispanic	
White Female Hispanic	2
White Female Non-Hispanic	49
White Male Hispanic	1
White Male Non-Hispanic	43
Total Group	100

Census tract(s) Mandeville, LA US Census Fact Finder

Completed By: Kevin Stilley Date: 04/08/2006

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access permission will be required (St Tammany Parish Government)
CWA (404) permit required prior to construction
Water Quality Certification is needed (LDEQ)
Consistency Authorization is required (LDNR-CMD)

Mitigation Description:

Reach 7 - Work should be done by hand to avoid extensive impacts to adjacent wooded upland. Debris can be cut in smaller pieces and disposed on site. Soil disturbance will be minimal if hand work done.

Reach 5 - Work will need to be done on non-fenced side of ditch. Debris will need to be hauled away due to location (ie. backyards). Remove only fallen trees - leave all standing trees and large snags, if present. Seed exposed soils.

Reach 8 - Work will be done on north side of ditch. Hand work will preserve existing habitat. Debris will be hauled away in locations directly adjacent to yards. In other areas, debris can be cut in small pieces and disposed of on site.

Agencies, persons, and references consulted, or to be consulted:

US Army Corps of Engineers
St Tammany Parish Government
LDEQ
LDWF

DSR NO: 103-05-211K

Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3e
2. Is this a site where there is serious, but not immediate threat to human life?	<input type="checkbox"/>	<input type="checkbox"/>		
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
4. Is this site a funding priority established by the NRCS Chief?	<input type="checkbox"/>	<input type="checkbox"/>		
The following are modifiers for the above criteria			Modifier	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?				
e. Will the proposed action or alternatives maintain or improve current water quality conditions?			e	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

DSR NO: 103-05-211K

Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable.

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

☒ Has been sufficiently analyzed in the EWP PEIS (reference all that apply)
Chapter 5.2.2.1.2
Chapter _____
Chapter _____
Chapter _____
Chapter _____

☐ May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title:

D. S. Conner

Date:

5/24/06

Section 5B Comments:

Reach 5 - Remove debris from one side only to minimize impacts - haul debris off site. Reach 7 - Remove debris by hand, cut into small pieces and dispose of on site to minimize impacts. Reach 8 - Work will be done on north side of ditch. Hand work could preserve existing habitat. Debris will be hauled away in locations directly adjacent to yards.

Section 5C

Sponsor Concurrence:

Sponsor Representative

Title:

Edward D. Dineen

Date:

5/24/06

Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

TOPO MAP
DSR 103-05-211K
R5 Dorado, R7 Garden, R8 Rue Chinon
City of Mandeville, St. Tammany Parish

